

13 February 1974

ENVIRONMENTAL IMPACT STATEMENT DETERMINATION

Application Number: #4477305

Applicant: U. S. Steel Corporation

Location: Lake Michigan, Gary, Indiana

Work or Structure: Dredging (60,000 Cubic Yards)

Purpose: Maintenance

1 The environmental impact for the proposed maintenance dredging at the Gary Works Plant in Lake Michigan at Gary, Indiana has been evaluated as follows:

a. No effects on the following:

1. Historic values

b. Possible impact on the following:

1 Recreation: Depending upon the amount of water turbidity during dredging operations, water related recreational activities could be affected.

2. Aesthetics: Although the proposed maintenance should not produce significant visual effects, the effects of odor from dredged material may be a possibility.

c. Impact on the following:

1. Water Quality: The proposed maintenance dredging will be performed with a hydraulic dredge and water turbidity is expected to increase during the period of dredging. U. S. Steel has agreed to identify pollutants in the material to be dredged, water quality analysis will be conducted prior to dredging and a monitoring program will be in effect during the dredging operation and for 30 days after job completion. An existing spillway, elevation +2.0' LWD and 10 feet wide will be closed. Four 24" submerged pipes will be located opposite the end of the proposed disposal area. This combination should minimize turbidity at the effluent outfall. The effluent will be monitored by U. S. Steel during and after dredging operations, and necessary action will be taken to maintain an acceptable quality of effluent.

2. Fauna and Flora: Fauna and Flora existing in the proposed dredging area will be displaced. Since the dredged material will be deposited behind a retaining bulkhead authorized under a previous permit it is assumed Fauna and Flora will also be displaced in that area.

NCCOD-P

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Environmental Impact Statement Determination

2. The applicant has received a permit from the Indiana Department of Natural Resources and a letter of no objection from the Indiana Stream Pollution Control Board subject to conditions included in the above discussion on water quality.

3. It is concluded that an environmental impact statement would be of little value in the review of this application



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